

Appl. No. 10/639,072  
Amdt. dated Mar. 16, 2005  
Reply to Office Action of Dec. 16, 2004

**Amendments to the Claims**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claim 1 (currently amended): A backlight system, comprising:

a light source; and

a light guide plate having an incident surface for receiving light from the light source, a bottom surface, and a light emitting surface for emitting [[out]] the light, wherein the light emitting surface has ~~a contour in a shape of a plurality of prisms~~ an mxn array of continuous uniform prisms disposed on the light emitting surface.

Claim 2 (currently amended): The backlight system as claimed in ~~claimed~~ claim 1, wherein a plurality of diffusion dots are disposed on the bottom surface of the light guide plate.

Claim 3 (currently amended): The backlight system as claimed in ~~claimed~~ claim 1, wherein the prisms are each in a shape of a pyramid.

Claim 4 (currently amended): The backlight system as claimed in ~~claimed~~ claim 1, wherein the light source is disposed at one side of the incident surface of the light guide plate.

Claim 5 (currently amended): The backlight system as claimed in ~~claimed~~ claim 1, wherein the light guide plate is in a shape of a rectangle.

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Claim 6 (currently amended): The backlight system as claimed in ~~claimed~~ claim 1, wherein the light guide plate is in a shape of a wedge.

Claim 7 (currently amended): The backlight system as claimed in ~~claimed~~ claim 2, wherein the diffusion dots are more densely distributed on the bottom surface as a distance away from the incident surface increases.

Claim 8 (currently amended): The backlight system as claimed in ~~claimed~~ claim 2, wherein the diffusion dots are distributed evenly all over the bottom surface.

Claim 9 (currently amended): A light guide plate, comprising:  
an incident surface for receiving light, a bottom surface, and a light emitting surface for emitting light, wherein the light emitting surface has ~~a contour in a shape of a plurality of~~ an mxn array of continuous uniform prisms disposed continuously on the light emitting surface.

Claim 10 (currently amended): The light guide plate as claimed in ~~claimed~~ claim 9, wherein a plurality of diffusion dots are disposed on the bottom surface.

Claim 11 (currently amended): The light guide plate as claimed in ~~claimed~~ claim 9, wherein the prisms are each in a shape of a pyramid.

Claim 12 (original): The light guide plate as claimed in claim 9, wherein the

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light guide plate is in a shape of a rectangle

Claim 13 (original): The light guide plate as claimed in claim 9, wherein the light guide plate is in a shape of a wedge.

Claim 14 (original): The light guide plate as claimed in claim 10, wherein the diffusion dots are distributed more densely on the bottom surface as a distance away from the incident surface increases.

Claim 15 (original): The light guide plate as claimed in claim 10, wherein the diffusion dots are distributed evenly all over the bottom surface.

Claim 16 (currently amended): A backlight system comprising:  
a light source;  
a light guide plate defining an incident surface facing the light source for receiving light from the light source;  
a light emitting surface for emitting [[out]] the light;  
a plurality of continuous mxn array of uniform, tapered prisms including respective vertex portions formed on the light emitting surface; and  
a plurality of diffusion dots disposed on a bottom surface opposite to [[said]] the emitting surface.

Claim 17 (original): The backlight system as claimed in claim 16, wherein said diffusion dots are more densely distributed on the bottom surface as a distance from the incident surface increases.

Claim 18 (original): The backlight system as claimed in claim 17, wherein said prisms are evenly distributed all over the emitting surface.